

Abstract of the Invention

The present invention relates to a manual brake release mechanism for an electromagnetic brake of an electronic motor. The manual brake release mechanism includes a cam and lever assembly operable to move an armature plate away from a friction disk, thereby, disengaging an electromagnetic brake. The cam and lever assembly is coupled to a field cup and provides an even pull over both sides of the armature plate.

1. A manual brake release mechanism for an electromagnetic brake of an electronic motor, comprising: a cam and lever assembly operable to move an armature plate away from a friction disk, thereby, disengaging an electromagnetic brake; and a field cup coupled to the cam and lever assembly, providing an even pull over both sides of the armature plate.